Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for controlling a video processing apparatus, the method comprising:

(a) commanding a peripheral device, connected to said video processing apparatus, to transmit an analog signal from an analog output of said peripheral device;

(b) receiving said analog signal from said peripheral device on one of a plurality of analog inputs of said video processing apparatus;

(c) determining which one of said plurality of analog inputs said analog signal is received; and

(d) storing data, in said video processing apparatus, associated with said analog input which has received said analog signal.

2. (currently amended) The method of Claim 1 wherein the step of commanding comprises sending a message via a digital bus interconnecting said video processing apparatus and said peripheral device, said message controlling said peripheral device to transmit a signal from said analog output.

3. (original) The method of Claim 2 wherein the step of determining comprises repetitively selecting each one of said analog inputs of said video processing apparatus to determine which one of said analog inputs receives said transmitted signal.

4. (original) The method of Claim 3 wherein more than one peripheral device is connected to said video processing apparatus and the steps of commanding, receiving and storing are repeated until each one of said peripheral devices have been processed.

5. (original) The method of Claim 4 further comprising the step of constructing a map of the analog interconnectivity between each peripheral device and said video processing device.

6. (original) The method of Claim 3 wherein said transmitted signal is an analog video blanking signal.

7. (original) The method of Claim 1 wherein said video processing apparatus is a digital television.

8. (original) The method of Claim 1 wherein said video processing apparatus is a digital set-top box.

9. (original) The method of Claim 1 wherein said digital bus is an IEEE 1394 data bus.

10. (currently amended) A method for defining the interconnectivity of a plurality of peripheral devices to a plurality of analog inputs of a video processing apparatus, said peripheral devices also being interconnected via a digital bus to said video processing apparatus, said video processing apparatus performing the steps of:

(a) selecting one of said plurality of peripheral devices;

(b) sending a command, via said digital bus, to said selected peripheral device for commanding said selected peripheral device to transmit an analog signal from an analog output of said selected peripheral device;

(c) receiving said analog signal from said selected peripheral device on one of said analog inputs of said video processing apparatus;

(d) monitoring each of said plurality of analog inputs to determine which of said plurality of analog inputs receives said analog signal; and

(e) repeating steps (a), (b), (c) and (d) for each of the other ones of said plurality of peripheral devices for automatically constructing a map of the analog interconnectivity of each peripheral device connected to said video processing apparatus.

11. (original) The method of Claim 10 wherein said digital bus is an IEEE 1394 serial data bus.

12. (currently amended) A method for configuring a video processing apparatus having an analog input and interconnected via a digital bus to at least first and second ~~two~~ peripheral devices, said method comprising:

(a) sending a first command, via said digital bus, to said first peripheral device to switch said first peripheral device into passthrough operating mode;

(b) sending a second command, via said digital bus, to said second peripheral device to transmit an analog signal from an analog output of said second peripheral device;

(c) receiving said analog signal from said second peripheral device on one of said analog inputs of said video processing apparatus; and

(d) monitoring each of said analog inputs to determine which one of said analog inputs receives said analog signal.

13. (original) The method of Claim 12 wherein said digital bus is an IEEE 1394 serial data bus.